



Preparation of Bacterial Long Term Stocks

Materials

Suitable overnight growth liquid cultures

Glycerol solution (40% to 60%)

2 mL cryogenic vials

- Grow the chosen strains overnight in 3mL of the desired broth.
- Dispense 500 μ L of glycerol solution into the vial.
- Add 500 μ L of culture and mix with the glycerol.
- Freeze overnight in -20°C to decrease damage to cells.
- Transfer to the -80°C freezer.
- Test the viability of the stocks every 6 months.

NOTE: Prepare triplicates of each strain. If the samples are frozen for a long time, it is recommended to streak stocks first in a nutritive broth before starting the experiments.

